UNITED STATES COOK CREEK RESERVOIR QUADRANGLE DEPARTMENT OF THE INTERIOR This report has not been edited for conformity with MONTANA U.S. Geological Survey editorial standards or GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°15′ 45°45 106°07′30″ 45°45′ 12'30" R 44 E. R. 45 E. 17 14 2983 21 19 20 ISOPACHS OF THE COAL BED-Showing thickness, in feet. Isopach interval 1 foot. STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea BOUNDARY OF COAL DEPOSIT-Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present 26 25 29 25 author beyond the limits of original data). Arrows point toward coal-bearing area. Number is thickness of coal bed, in feet, measured at triangle. Plus (+) sign after number indicates incomplete measurement. DRHLL HOLE—Showing thickness and altitude at the top of the coal bed, in feet. COAL MINE-Showing thickness and altitude at the top of 42'30" the coal bed, in feet. 32 33 34 35 36 NOTE: Isopachs and structure contours To convert feet to meters, multiply feet by 0.3048. cannot be drawn beyond those shown because of insufficient T. 2 S. 18 20 36 (WILLOW CROSSING) 4775 II SW R. 44 E. R. 45 E. 106°07'30" 106°15′ Compiled in 1977 SCALE 1:24 000 Base map from U.S. Geological Survey, 1966 1 KILOMETER MONTANA

COAL RESOURCE OCCURRENCE MAP OF THE COOK CREEK RESERVOIR QUADRANGLE, POWDER RIVER AND ROSEBUD COUNTIES, MONTANA

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

PLATE 32 ISOPACH AND STRUCTURE CONTOUR MAP OF THE TERRET COAL BED

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stratigraphic nomenclature.

EXPLANATION

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